

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of:	)	
	)	Group Art Unit: Unassigned
M. Pinarbasi	)	
	)	Examiner: Unassigned
Application No. Unassigned	)	
	)	Atty. Docket No. HIT1P025/
	)	HSJ9-2003-0084US1
Filed: Herewith	)	
	)	Date: September 24, 2003
For: GMR ENHANCING SEEDLAYER FOR	)	
SELF PINNED SPIN VALVES	)	
	)	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on September 24, 2003

Signed: \_\_\_\_\_

*Erica L. Farlow*  
Erica L. Farlow

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56 AND 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Copies of the non-patent articles are attached. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§ 1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-2587 (Order No. HIT1P025/HSJ9-2003-0084US1).

Respectfully submitted,  
Silicon Valley IP Group, PC

A handwritten signature in black ink, appearing to read 'D. Kotab', with a stylized flourish at the end.

Dominic M. Kotab  
Reg. No. 42,762

P.O. Box 721120  
San Jose, CA 95172-1120  
Telephone: (408) 971-2573

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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty. Docket No. HIT1P025/ HSJ920030084US1	Application No.: Unassigned
	Applicant: Mustafa Pinarbasi Filing Date: Herewith	Group Art Unit: Unassigned

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	6,222,707	04/24/2001	Huai et al.	360	324.1	12/28/1998
	B	2003/0035253	02/20/2003	Lin et al.	360	324	08/17/2001
	C	2003/0011942	01/16/2003	Pinarbasi	360	324.1	07/06/2001
	D	2003/0002226	01/02/2003	Lin et al.	360	314	08/14/2002
	E	6,313,973	11/06/2001	Fuke et al.	360	324.1	06/30/1999
	F	6,278,592	08/21/2001	Xue et al.	360	324.12	10/19/1999
	G	6,046,892	04/04/2000	Aoshima et al.	360	113	03/17/1998
	H	6,040,961	03/21/2000	Gill	360	113	10/27/1997
	I	5,869,963	02/09/1999	Saito et al.	324	252	09/03/1997
	J	5,583,725	12/10/1996	Coffey et al.	360	113	06/15/1994
	K	6,594,123	07/15/2003	Gill et al.	360	324.12	02/08/2000

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L	2002230717	2002-08-16	JP	G11B	5/39		
	M	2001202606	2001-07-27	JP	G11B	5/39		
	N	2000150235	2000-05-30	JP	H01F	10/26		
	O	9153650	1997-06-10	JP	H01L	43/08		
	P							

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	R	Sugita, Yasunari et al., "Nano-Oxide Layers and Specular Scattering in Spin Valves", Journal of Applied Physics Volume 89, Number 11, June 1, 2001
	S	Lin, Tsann et al., "Effects of Oxide Seed and Cap Layers on Magnetic Properties of a Synthetic Spin Valve", Applied Physics Letters Volume 78, Number 15, April 9, 2001
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.